

User Manual

General:

This wireless Optiscan detects when a person intends to leave the bed. This sensor requires a 12 to 30Vdc power supply and has an option to connect a Topscan. In this installation a switch needs to be integrated on the alarm line.

Installation and use:

Mount the sensor on a wall, pointing towards the bed at a height of approximate 15 cm above the floor (figure 1). Make sure that the sensor is placed safely where it can cause no harm to the inhabitant, for example underneath a chair or table. **It is highly preferable to place it at a distance of at least 2 meters from the bed.** The sensor has a 90 degrees field of view over a distance of approximate 7 meter. Make sure that no objects are in front of the sensor that can block its view (figure 2).



Figure 1: Sensor placement

Please pay attention to the following when mounting the sensor:

- Make sure that the sensor is able to detect underneath the bed
- Place the sensor so that it cannot harm the user
- Adjust the height when necessary
- Always switch the alarm contact and not the power supply
- Dont use any round head screws to mount the sensor, they can short the circuit ont he back of the print.

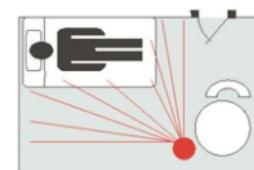


Figure 2: field of view

2011 Mounting Optiscan with normally open contact

This Optiscan can be used in combination with the Daza Topscan, which detects if someone is sitting in bed. If the person rolls out of bed the combination with the Mounting Optiscan will also result in an alarm.

Connection 2011:

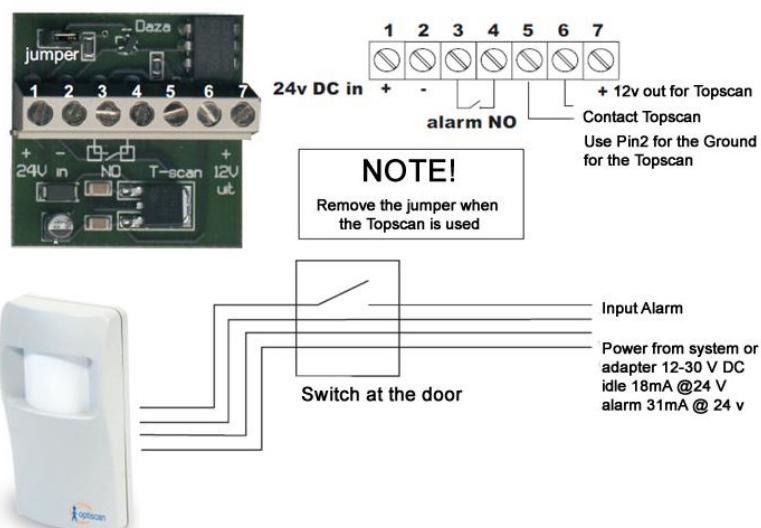


Figure 3: 2011

User Manual

2012 Mounting Optiscan with normally closed contact

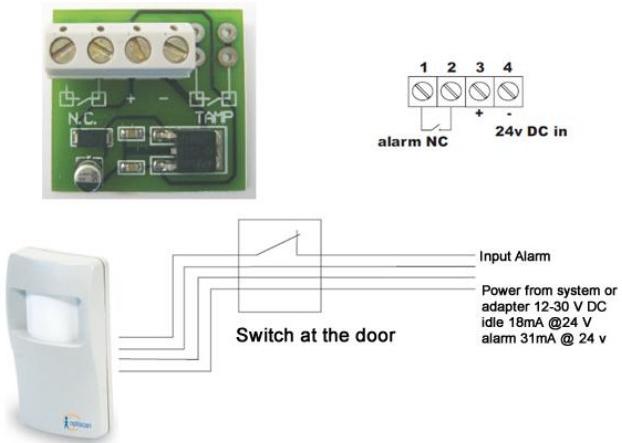


Figure 3: 2012

2014 Mounting Optiscan with normally closed contact (requires 12 V DC)

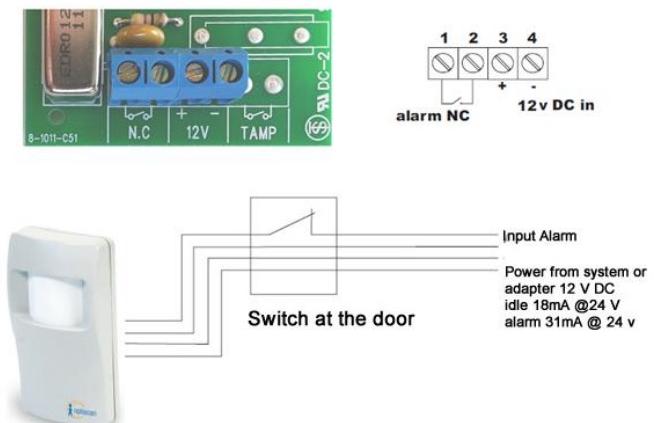


Figure 4: 2014

Print / adjust field of view:

When the sensor is placed at the correct height the print can be placed at 0 degrees. If after testing you find out that the sensor is looking to height, you can fine-tune the field of view by pushing the print upwards (for example -4 degrees) figure 5.

The best way to check if the sensor is looking correctly is by sitting on the edge of the bed with your feet pulled up at mattress height. If you move your feet from left to right at this height the sensor may not alarm.

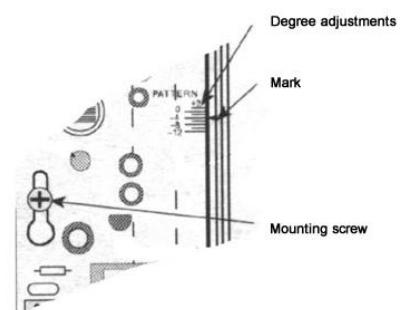


Figure 5: Adjusting the field of view